

William Britton Jr

Systems Engineer

Links:

kingnathanal.github.io
github.com/kingnathanal
linkedin.com/in/brittonwilliam

Skills:

Java
C# / .Net
HTML5 / CSS3
JavaScript
JQuery
Oracle / PLSQL
MS SQL
Git
Jenkins CI
Tomcat
IBM WebSphere
Open Liberty
Linux
DevOps
Eclipse
Visual Studio
JSON
Docker
VueJS

Education:

Eastern Michigan University

Bachelor of Science:
Technology Management

Oakland County Community College

Associate of Applied Science:
Computer Information Systems -
Software Engineering

HIPAA Certified (April 2014)
ITIL V3 Foundation (Jan 2015)
Oracle Java 7 Associate (June 2015)
Scaled Agile: SAFe Agilist (2021)
Scaled Agile: SAFe Practitioner (2021)
Design for Six Sigma Green Belt (2021)

Experience

General Motors – Detroit, MI

Systems Engineer (September 2020 - present)

- Responsible for identifying, defining or architect of platform and infrastructure changes and updates.
- Assist and collaborate with Senior System Architects and Release management teams.
- Assist in working with Product Owners and Innovation Owners to prioritize Security and Standards of Technical Direction (SOTD) standards.
- Organizing and expansion on project requirements in TFS/ADO, implement SAFe Agile practices.
- As a Technical lead for Optimization projects, create and plan Pre-PI and Post-PI materials and collaboration events.
- Lead any development and issue resolutions of system integration issues.
- Help and assist in creating various processes and documents for CCMS teams as needed.
- Worked on Illumio project, understanding security zone and firewall capabilities and components. Install Illumio agents on impacted application servers, analyzed Illumio reports and ensure goals are executed for completing Proof of Concept. Coordinate with Security team and Application teams on firewall policy changes.
- Worked on Kafka Upgrade project, coordinating with over 20 teams on configuration switch of Kafka cluster from Mil to Wrn. Ensure migration of topics.
- Worked on Pod Consolidation, collected and analyzed LB (LTM) traffic and node data. Created new LTM and GTM requests for consolidation of old LTM nodes.
- Worked on CCMS ELK Stack, Help on configuration of Kibana for Log Stash filters on ES indexes and installed Prometheus monitoring agents on component (Log Stash, Elasticsearch) servers.
- Worked on Oracle Fan Implementation, coordinate with various application teams to execute turning on Fan from WebLogic consoles. Assist PCF apps in implementing Maven dependencies for turning on Oracle Fan capabilities.

Detroit Diesel (SunSoft Technologies contractor) – Detroit, MI

Senior Software Engineer (June 2019 – September 2020)

Mechatronics Engineering

- Technical lead for server application team, providing training, leadership and support.
- Architect of end to end flow of Java, Spring MVC, Spring Boot apps/ microservices, development tools, deployment and release management processes.
- Architect UX experience for customer facing applications and set standards for HTML, CSS, JavaScript technologies.
- Create and config Jenkins pipelines to deploy Docker containers of feature branches for ease of testing and validating.
- Create and config Jenkins pipelines for deployment to WebSphere Servers
- Manage server configurations for Tomcat servers.
- Develop and maintain server applications that support Engineering emission data.
- Administer of DevOps tool and configs for Jenkins, GitLab, Artifactory, Docker and SonarQube.
- Determine and define infrastructure needs for applications, troubleshoot server resource issues, provide after hour operational support when needed.
- Architect system of .NET batch applications for handling Big Data and Engineering analytic data.
- Develop and management of Big Data projects like processing of Diesel engine ECU parameter data, fault codes and various other Engineering data points.
- Architect application and components to support data entry of Emission and Green House Gas data points.
- Development, design and management of database tables, procedures, indices and resources.

DXC Technology (formerly Hewlett Packard Enterprises)

Application Delivery Consultant Developer II (November 2014 – June 2019)

Detroit Diesel – Mechatronics Engineering

- Design, produce and modify web pages using HTML, CSS, JavaScript, and jQuery technologies
- Support Soap and Restful web services.
- Develop and support .NET applications for data mining platform.
- Develop and support SQL Server objects and grants.
- Administer of Jenkins CI for automation pipelines and builds running.
- Initiate, develop and maintain Spring Boot and MVC applications.
- Improve development processes to align more to Agile and DevOps standards.

Covisint (formerly of Compuware Corporation) - Detroit, MI

Operations Administrator /DevOps .Net Developer (July 2013 – October 2014)

- Primary full stack support for C# .Net web application and restful web service utilized for healthcare providers to edit and monitor patient data.
- Provided after hours on-call operations support and triage of Linux and Window servers and administration of IIS, Tomcat and Glassfish servers.
- Provided second support and development on company Java web application projects.
- Develop Oracle and SQL Server database objects, develop SSRS reports and SSIS jobs.

Hewlett Packard - Detroit, MI

Service Information Developer II (September 2011 – July 2013)

Detroit Diesel (DD) – Mechatronics Engineering

- Worked closely with customer to develop and consult on business and technical requirements.
- Full Stack Development for Java platform of applications.
- Hands on with JSP/HTML, CSS, JavaScript technologies.
- Created and supported SOAP web services, Java Batch applications.

The State of Michigan - Lansing, MI

Junior Java/J2EE Developer (June 2010 – September 2011)

Department of Technology, Management and Budget – Child Support Services

- Hands on with JSP/HTML, CSS, JavaScript and using Struts technology, where I created all supporting framework class files (Controller, Actions, Forms, Models, DAO's, POJOs).
- Created Business Requirement and User Acceptance testing documents.